#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

In re application of:

Waltraud ANKENBAUER, et al.

Application No.: 09/269,860

Filed: March 10, 2000

For: THERMOSTABLE NUCLEIC ACID POLYMERASE FROM THERMOCOCCUS GORGONARIUS

Customer No.: 41504

Mail Stop PETITION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Confirmation No. 1720

Petitions Examiner: Frances Hicks

Office of Petitions

DECLARATION UNDER 37 C.F.R.

§1.137(b)

Sir:

- I, Winsome St. Rose, being duly warned that willful false statements and the like are punishable by fine or imprisonment or both (18 U.S.C. § 1001), and may jeopardize the validity of any patent issuing thereon, state and declare as follows:
- All statements made herein of my own knowledge are true, and statements made on information or belief are believed to be true and correct.
- I am the Senior Patent Coordinator for Roche Molecular Systems, Inc. ("RMS"). I have served in this capacity or similar positions since June 2, 2002.
- 3. I have read the Decision on Petition to Revive for this patent application. As described in more detail below, the entire period of the delay, until the filing of the Petition to Revive the abandoned application, was unintentional. Specifically, the delay from the mailing of the Notice of Allowance on January 9, 2002, through the mailing of the Notice of Abandonment on May 16, 2002, and until our discovery of these documents (Notices of Allowance and Abandonment) during examination of the file in September, 2006, was unintentional.

Furthermore, upon discovery in late August, 2006 of the abandoned status of the application, we filed the petition to revive on November 10, 2006. Therefore, any delay was unintentional.

- In my position as Senior Patent Coordinator for RMS since June 2, 2002, I
  oversaw the timely prosecution of patent applications and coordinated work-flow between inhouse and outside counsel on various patent matters.
- 5. The complexity of this case is evidenced by the involvement of numerous persons and different entities located on different continents. Specifically, the inventors and the assignee for this application are located in Germany (Roche Diagnostics GmbH, Mannheim, Germany), while the in-house counsel and persons primarily responsible for the prosecution of the application were employed by RMS (Alameda, CA, USA) a different subsidiary of the parent company Hoffman-La Roche. In addition, the case was prosecuted by numerous persons, including in-house counsel and outside counsel from the law firm of Pennie and Edmonds, and later, Townsend and Townsend and Crew LLP.
- 6. A central figure in the events that led to the unintentional abandonment of the application was Douglas Petry. Mr. Petry was a patent agent employed by RMS at the time the application was filed. Mr. Petry was the person to whom the Patent Office mailed the Notice of Allowance, and later, the Notice of Abandonment. Mr. Petry's address was listed as Roche Molecular Systems, 1145 Atlantic Avenue, Alameda, CA, 94501. Mr. Petry left RMS employment on July 21, 2001 (before the mailing of the Notice of Allowance on January 9, 2002). Despite numerous attempts to change the correspondence address (see, Exhibits B, C, and D) the Patent Office continued to address mail to Mr. Petry, even after his departure from the company.
- 7. In the Request to Change Correspondence Address, filed February 13, 2001, (see, Exhibit D) the address was purposely generalized to: Roche Molecular Systems, Patent Department. This was done in an effort to reduce the likelihood of correspondence from the Patent Office being misplaced. Specifically, this change was made to force the mail clerks at RMS to forward any and all mail to the Patent Department at RMS. Notably, despite this effort,

the change was never recorded at the U.S. Patent Office and thus both the Notice of Allowance and the Notice of Abandonment were wrongly addressed to Mr. Petry. The Notice of Allowance was sent to Mr. Petry nearly three years after the first request to change the Correspondence Address to a different address, and nearly one year after the request generalizing the address.

- 8. I have reviewed the internal RMS files for this patent application. The files contain all correspondence that we were aware of during the prosecution of the application between RMS and our outside Counsel Pennie and Edmonds, as well as any communication between either RMS or Pennie and Edmonds, with the U.S. Patent Office. The files do not contain the Notice of Allowance or the Notice of Abandonment. Further, there is no evidence in the file indicating that either RMS or Pennie and Edmonds was aware of the abandoned status of the application until the copy of the file obtained from the Patent Office was examined in late August 2006. It is my belief that the Notice of Allowance and the Notice of Abandonment were never received by either RMS or Pennie and Edmonds. Furthermore, as evidenced by the correspondence contained in the files kept by RMS and Pennie and Edmonds, it is my belief that neither RMS nor Pennie and Edmonds was aware of the Notice of Allowance or the Notice of Abandonment.
- 9. It was not late August 2006, following the inspection of the files at the U.S. Patent Office that the abandoned status of the case was discovered. Therefore, the abandonment of the application and any perceived delay in filing a petition to revive the application was unintentional.

#### SEQUENCE OF EVENTS

- 10. A time line of events (Exhibit A) describing the prosecution of this application accompanies this declaration. I have reviewed this timeline, and to the best of my knowledge it is accurate and complete.
- 11. In a Preliminary Amendment and combined Declaration/Power of Attorney filed April 1, 1999, prior to the entry of the case into the U.S. as a National Stage of International Application No. PCT/EP97/05393, the following persons were listed as having

Power of Attorney: Douglas A. Petry, Joseph A. Kirk, and Dennis P. Tramaloni. Douglas Petry was directly involved in the prosecution of the application until he left RMS on July 21, 2001. Joseph P. Kirk, Jr. was not directly involved in the prosecution of the application, and was located in Nutley NJ, until he left Roche in early 2001. Dennis P. Tramaloni was not directly involved with the prosecution of this application, and is currently Senior Patent Counsel in Nutley, NJ.

- 12. Exhibit (B) shows a Request for Change of Correspondence Address was filed by Mr. Petry on July 30, 1999. The request states that effective immediately all future correspondence should be sent to the address associated with Customer No. 22829. The address associated with Customer No. 22829 is the general correspondence address for RMS: Roche Molecular Systems, 1145 Atlantic Ave., Alameda, CA, 94501.
- 13. On March 22, 2000, the U.S. Patent Office mailed a Notice of Acceptance of the Application under 35 U.S.C. §371, granting a filing date of March 10, 2000. The correspondence was addressed to Douglas Petry, in spite of the Request for Change of Correspondence Address filed approximately eight months prior.
- 14. Exhibit (C) is a copy of a paper filed by Douglas Petry on March 6, 2000. The paper grants Associate Power of Attorney to Victor K. Lee, who was Chief Patent Counsel at RMS until his departure from RMS on July 11, 2001. The paper also requested that effective immediately, that all future correspondence should be directed to Victor K. Lee, at Roche Molecular Systems, 1145 Atlantic Ave, Alameda, CA 94501.
- 15. On April 11, 2000, the Patent Office Mailed out a Filing Receipt and a copy of the Foreign Filing License, for the Non-Provisional Application. The correspondence was again addressed to Douglas Petry. The communication was marked as received on April 20, 2000.
- On approximately September 28, 2000, the Patent Office mailed a Notice to Comply with Sequence Listings. The Notice was again addressed to Douglas Petry. The Notice was marked as received on October 2, 2000.

- On January 29, 2001, Victor Lee submitted the required documents in response to the Notice to Comply with Sequence Listing, along with a Petition for a three-month extension of time under 37 C.F.R. 1.136(a).
- 18. Exhibit (D) shows a <u>third</u> Request filed by Douglas Petry on February 13, 2001, requesting a Change of Correspondence and Fee Address for all cases that he was listed as being the agent of Record for RMS. The request stated that all correspondence should be addressed to Customer No. 22829.
- On March 13, 2001, the Patent Office sent a Restriction Requirement addressed to Douglas Petry. The communication was stamped as received on March 16, 2001.
- On April 12, 2001, Victor K. Lee filed a response to the Restriction Requirement.
- On May 25, 2001, Victor K. Lee filed an Information Disclosure

  Statement for this case.
- 22. On June 5, 2001, the Patent Office mailed an Office Action that was stamped as received on June 11, 2001. The correspondence was again addressed to Douglas Petry, despite the three previous requests for change of correspondence. At least as of September 19, 2001, Pennie and Edmonds was acting as outside counsel for this file, as evidenced by an e-mail from Rahul Pathak of Pennie and Edmonds regarding this application.
- 23. On September 24, 2001, a response and a Petition for a one-month extension of time was filed by Rahul Pathak for Jennifer Gordon of Pennie and Edmonds (RMS's outside counsel). The return postcard, accompanying the amendment, was addressed to Pennie and Edmonds. RMS was aware of this filing.
- Exhibit (E) is a copy of the Power of Attorney filed by Dennis Tramaloni
   December 13, 2001. The Power of Attorney appointed Jennifer Gordon, Nikolaus C. George

and George C. Jen as persons authorized to act on behalf of the assignee, Roche Diagnostics GmbH.

- On December 14, 2001, Jennifer Gordon authorized an Examiner's Amendment in a phone interview with Examiner Hutson.
- 26. A Notice of Allowance and Notice of Draft Person's Patent Drawing Review was mailed by the Patent Office on January 9, 2002, addressed to Mr. Petry at RMS. There is no record of RMS or Pennie and Edmonds ever having received the Notice of Allowance or the Draft Person's Patent Drawing Review.
- 27. On March 7, 2002, Rahul Pathak at Pennie and Edmonds filed an amendment under 37 C.F.R. §1.121 to amend the specification by adding an abstract, identical to that of the International Application No. PCT/EP97/05393. The amendment did not refer to the Notice of Allowance mailed by the Patent Office on January 9, 2002, nor did the amendment refer to the defects in the drawings as indicated by the Draft Person's Patent Drawing Review that accompanied the Notice of Allowance mailed on January 9, 2002. Thus as far I am aware, neither RMS nor RMS's outside counsel (Pennie and Edmonds) was aware of the Notice of Allowance.
- 28. A Notice of Abandonment was mailed by the Patent Office on May 16, 2002. The Notice of Abandonment was also addressed to Douglas Petry at RMS, despite the numerous previous requests for a change of correspondence address. As with the Notice of Allowance, there is no record of either RMS or Pennie and Edmonds having ever received the Notice of Abandonment.
- 29. I am not aware, nor is there any evidence in RMS's files, of any correspondence from the Patent Office or the Examiner that the issue fee was due or that the application was abandoned until we received the copy of the file history in August, 2006 (as discussed later). As far as I am aware, no one from RMS or Pennie and Edmonds communicated with any representative at the Patent Office, or each other, regarding the existence of the Notice of Allowance or inquiring if the abandonment of the application was intentional.

- 30. On approximately January 29, 2004, the responsibility for prosecution of the application was transferred from RMS to Townsend and Townsend and Crew LLP as part of a file transfer including at least 17 different applications. At the time the case was transferred, RMS believed the application to be pending (as evidenced by the redacted Status Report shown in Exhibit H) and that the Patent Office had not yet responded to the amendment filed on September 24, 2001 or the amendment under 37 C.F.R. §1.121 filed on March 7, 2002.
- 31. Exhibit (I) is a copy of an assignment (with execution dates between 6/16/04 and 7/28/04) and Power of Attorney on behalf of Roche Diagnostics GmbH, filed with the Patent Office on August 20, 2004. The Correspondence Address was listed as Charles M. Doyle, Roche Molecular Systems, 1145 Atlantic Ave. Alameda, CA 94501. This reflects RMS's belief at that point that the application was still pending, as there is no reason to assign an abandoned application.
- 32. Exhibit (K) is a communication dated September 3, 2004, from the Patent Office to Charles M. Doyle at RMS confirmed the recordation of the assignment. There was no mention, however, by the Patent Office that the application was abandoned.
- 33. Exhibit (J) is a copy of a revocation and new Power of Attorney and Correspondence Address to be associated with Customer No. 41504 filed by George Jen on October 4, 2004. The return postcard from the Patent Office was dated October 7, 2004, and was sent to Townsend and Townsend and Crew LLP. Again, this correspondence from RMS indicated that RMS did not know the application was abandoned.
- 34. During the period from October 2004, until August 2006, RMS believed that the application was pending. Furthermore, RMS believed that the delay was due to the backlog of applications at the Patent Office.
- 35. On January 6, 2006, a communication was received from the Patent Office noting the Customer Number Record was changed to Customer No. 22829, as filed on August 20, 2004, nearly 16 months earlier, but the Patent Office made no mention in the communication that the application had been abandoned approximately three and one-half years earlier.

- 36. On or around June 2005, this application was listed as part of a settlement between Hoffman-La Roche (the parent company of RMS) and another entity. This settlement prompted RMS to investigate the status of the application.
- 37. In January 2006, RMS attempted to check on the status of the file. The electronic file history in PAIR, however, was not accessible to the legal department at RMS. Even though the customer number for RMS (22829) was listed, RMS did not have access to the application through Private PAIR. It was believed that this delay was also due to the backlog at the Patent Office and may have been complicated by the need for repeated Request for Change of Customer Number and Correspondence Address that had been filed in this case. RMS therefore began the process to gain access to the file at the U.S. Patent Office.
- On August 16, 2006, Landon IP Inc. was given the power to inspect and make copies of the files. See, Exhibit (L).
- 39. The Power to Inspect was given to employees of Landon IP Inc. to gain access to the file at the U.S. Patent and Trademark Office because RMS was unable to access the application through Private PAIR. As a result of the inspection of the file at the Patent Office in August 2006, RMS discovered for the first time that a Notice of Allowance had been mailed on January 9, 2001, and that the application had been abandoned on May 16, 2002, for failure to pay the issue fee.
- 40. After the discovery of the abandoned status of the application, RMS began the process of identifying what may have happened and reviewed the RMS files, various meeting notes, and the original files from Pennie and Edmonds, which at this point were in storage due to the previous dissolution of Pennie and Edmonds as a law firm. RMS then worked with Townsend and Townsend and Crew on coordinating the Petition to Revive the application.
- 41. On November 10, 2006, a Petition to Revive the application, along with the Issue Fee and a new Power of Attorney for Customer No. 41504, was filed with the Patent Office. This Petition to Revive was Denied as indicated in the Decision on Petition mailed September 18, 2007.

In summary, the entire period of delay, from the mailing of the Notice of Allowance to the time RMS discovered the abandoned status of the application on or about August 24, 2006, for failure to pay the issue fee was not intended by any person at RMS. Upon discovery by RMS of the abandoned status of the application, a Petition to Revive the application for unintentional delay was prepared and timely filed. Because the application was never published, only the agents of record had access to the application transaction history through Private PAIR. Furthermore, due to delays on the part of the Patent Office in correcting the change of correspondence address and in granting power of attorney, persons associated with the prosecution of the application were not able to perform status checks or inspect the file. Thus, it was presumed that the application was pending and that the Patent Office was merely behind schedule in prosecuting the application. Further, due to the large number of persons involved in prosecuting the application, both in-house, as well as outside counsel, and the collapse of the first outside counsel's law firm, there was a lack of effective communication that may have contributed to the unintentional abandonment. Accordingly, the entire delay in payment of the issue fee, in filing the initial Petition to Revive the Application, and in filing this Renewed Petition under 37 C.F.R. §1.137(b) was unintentional.

Date:

18,2007

Wincome St Pos

Attachments: Exhibits A-F

RCB:rcb

PATENT

Attorney Docket No.: 022101-000700US Client Ref. No.: 18500-US

#### Timeline of Events U.S. Patent Application No. 09/269,860

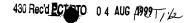
<u>VENT</u>	SIGNIFICANCE
eliminary amendment and eclaration/Power of Attorney filed	Persons originally having power of attorney in case were Douglas A. Petry, Joseph P. Kirk, and Dennis P. Tramaloni
equest for change of correspondence dress from D. Petry to Customer mber 22829	Request for address change never acknowledged or processed by Patent Office
Petry filed Associate Power of torney listing Victor Lee; second quest for correspondence address ange	Request for address change never acknowledged or processed by Patent Office
tent Office mailed Notice of ceptance of Application granting ng date of March 10, 2000; respondence sent to D. Petry	Patent Office did not process the Request for Address Change filed on either 7/30/99 or 3/6/00
tent Office mailed filing receipt and eign filing license for application to Petry	Prior requests for address change on 7/30/99 and 3/6/00 not processed by Patent Office
tent Office mailed Notice to Comply th sequence listing to D. Petry	Prior requests for address change on 7/30/99 and 3/6/00 not processed by Patent Office
ctor Lee responded to Notice to mply with sequence listing	D. Petry was continuing to receive communication, in spite of request to Patent Office to change correspondence address
Petry filed third request to change respondence address to Customer mber 22829	Diligent effort by RMS to keep file updated, despite lack of response by the Patent Office
striction Requirement addressed to Petry	Patent Office had still not recognized nor processed any of the three previous attempts to change correspondence address
ctor Lee responded to Restriction quirement	D. Petry was continuing to receive communication, in spite of request to Patent Office to change correspondence address
tor Lee filed IDS	
ent Office mailed Non-final Office tion to D. Petry	Patent Office had still not recognized nor processed any of the three previous requests to change correspondence address
sponse to Non-final Office Action iled by Pennie and Edmonds with 1- nth extension of time; return teard to Pennie and Edmonds rked 9/24/01	Pennie and Edmonds was actively prosecuting the application
ni	th extension of time; return eard to Pennie and Edmonds

12/13/01	D. T £1-1 D £ A #	D-1-M-11("DMC")
12/13/01	D. Tramaloni filed Power of Attorney	Roche Molecular Systems ("RMS") maintained efforts to provide access to persons actively
	appointing George Jen at RMS, J. Gordon and N. George at Pennie and	
		involved in prosecuting the case
12/14/01	Edmonds as authorized agents	D ' IDI II III
12/14/01	J. Gordon authorized Examiner's	Pennie and Edmonds had taken over active
110/04	amendment in phone interview	prosecution of the application
1/9/02	Notice of Allowance and Draft Person's Patent Drawing Review	Notice was never received by RMS or Pennie and Edmonds.
	mailed to D. Petry	Patent Office continued to address mail to D.
	-	Petry despite at least three previous attempts to
		change the address of correspondence.
3/7/02	Rahul Pathak (of Pennie and Edmonds)	Examiner never contacted anyone at Roche or
	filed amendment to add abstract to	Pennie and Edmonds regarding the apparent
	application; amendment did not	lack of awareness of the Notice of Allowance
	mention the Notice of Allowance or the	mailed 3-months prior. Clearly, Roche was not
	correction to the drawings	aware of the allowance or the potential
	<u> </u>	abandonment of the application.
5/16/02	Notice of Abandonment mailed by	Notice was apparently never received by
	Patent Office to D. Petry	anyone at RMS or by outside counsel.
	, and the second	Patent Office continued to address mail to
		D.Petry despite at least three previous attempts
		to change the address of correspondence.
		There is no evidence that the Examiner ever
		contacted anyone at RMS or Pennie and
		Edmonds during the time period from the
i		mailing of the Notice of Allowance until, or
		after the mailing of the Notice of Abandonment
1/26/04	RMS status report labels application as	RMS believed that application was still
	"pending"	pending and awaiting examination of the
	r	response to the Non-final Office Action mailed
		on 9/24/01 and the amendment mailed on
		3/7/02.
8/20/04	Roche filed assignment and new Power	Roche believed the application was still
	of Attorney on behalf of Roche	pending (there is no reason one would assign
	Diagnostics of Germany;	an abandoned application).
	correspondence was listed as Charles	T.F.
	M. Doyle at Roche Molecular Systems	
9/3/04	Patent Office sent Notice of	Patent Office did not mention that application
	Recordation of Assignment and	that was being assigned was abandoned
	acknowledgement of the Request to	was actuationed
	Change Correspondence Address to	
	Charles M. Doyle at RMS	

Attorney Docket No.:	022101	-000700US
Client R	ef. No.:	18500-US

10/4/04	Revocation of Power of Attorney and new Power of Attorney to persons associated with Customer number 41504	Document signed by George Jen was apparently erroneously dated 3/19/03. Document was actually filed on 10/4/04 as shown by the postcard marked 10/07/04 by the Patent Office
10/11/05	Paralegal at Townsend (new RMS outside counsel) performed a status check on PAIRS; application was listed as abandoned.	Because PAIRS indicated that the application was abandoned at least 18 months prior to being transferred in as part of a file transfer to Townsend and Townsend and Crew. It is not clear whether or not Townsend and Townsend and Crew informed RMS of the abandoned status of the application.
1/6/06	Communication from Patent Office to RMS noting that the Customer number change request filed on 8/20/04 was acknowledged and processed	Patent Office responds to correspondence submitted nearly 18 months earlier
January 2006	RMS attempted to check Private PAIR to find status of case and was denied access because RMS did not have current power of attorney; RMS began preparation of documents to gain access to file at Patent Office.	Due to the non-publication status of case, access to file only available to persons currently listed as having Power of Attorney.
8/16/06	RMS filed revocation and substitute power of attorney appointing Customer number 22829 with power of attorney. Power to inspect and make copies granted to employees of Landon IP Inc.	RMS took active steps to gain access to file to determine status of the case.
8/23/06	Patent Office Sent communication confirming change of Power of Attorney	
on or about 8/24/06	Employees of Landon IP Inc. inspected the file and made copies, which were sent to Roche	Roche diligently took steps necessary to further prosecution of case that they believed to be currently pending.  RMS first became aware of the abandoned
8/24/06	Roche discovered Notice of Allowance and Notice of Abandonment	status of the case.
11/10/06	Petition to Revive for unintentional abandonment filed.	Roche expeditiously sought to revive application after discovery of unintentional abandonment.
9/18/07	Patent Office mailed decision to DISMISS Petition to Revive.	
12/18/07	File Renewed Petition to Revive, along with one-month extension of time.	

AUG 0 4 1999



#### CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being transmitted therewith) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

(Print Name)

Date: 7-30-99

C/Chesco

PATENT APPLICATION

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

Inventor's Name(s): Ankenbauer et al.

Art Unit: Not Assigned

Serial No. 09/269,860, filed April 1, 1999

Examiner: Not Assigned

FOI: THERMOSTABLE NUCLEIC ACID POLYMERASE FROM THERMOCOCCUS GORGONARIUS

#### CHANGE OF CORRESPONDENCE ADDRESS

Assistant Commissioner for Patents Washington, D.C. 20231

Alameda, CA July 28, 1999

Sir:

Effective immediately, please direct all further communications in the above-identified patent application to the following address:

#### **CUSTOMER NUMBER 22829**

Respectfully submitted.

Douglas A. Petry, Ph.D. Agent for Applicant (Reg. No. 35321)

1145 Atlantic Avenue Alameda, CA 94501

Telephone: (510) 814-2974 Telefax: (510) 814-2977

EXHIBIT

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## 412 Rec'd PCT/PTO 1 0 MAR



#### CERTIFICATE OF MAILING (37 CFR 1.8a)

Ministry that this paper (along with any paper referred to as being transmitted therewith) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner Teatens, Washington, D.C. 20231.

MAR 1 0 2000 Tina Dasco (Print Name

Pira Desas

PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

Inventor's Name(s): Ankenbauer et al.

Art Unit: To Be Assigned

Serial No. 09/269,860, (Priority Application No. PCT/EP97/05393)

Filed: April 1, 1999

Examiner: To Be Assigned

Attorney Docket No: 4453

For: THERMOSTABLE NUCLEIC ACID POLYMERASE FROM THERMOCOCCUS GORGONARIUS

#### ASSOCIATE POWER OF ATTORNEY

04/03/2000 WCLRYBRD 00000082 500812 09269860

Assistant Commissioner for Patents Washington, D.C. 20231

Alameda, CA March 6, 2000

Sir:

01 FC:154

The undersigned, Douglas A. Petry, holding an original Power of Attorney in the aboveidentified application, hereby grants an Associate Power of Attorney to:

Victor K. Lee, (Reg. No. 35,750)

EXHIBIT

C

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Further, effective immediately, please direct all further communications in the aboveidentified patent application to the following address, telephone number and facsimile number:

> Victor K. Lee, (Reg. No. 35,750) Roche Molecular Systems, Inc. 1145 Atlantic Avenue Alameda, CA 94501 Telephone: (510) 814-2966 Facsimile: (510) 814-2973

Dated: 3/6/00

Respectfully submitted,

Douglas A. Petry, Ph.D Agent for Applicant (Reg. No. 35321)

1145 Atlantic Avenue Alameda, CA 94501

Telephone: (510) 814-2974 Telefax: (510) 814-2977

#### CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being transmitted therewith) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the. Assistant Commissioner for Patents, Box CN, Washington, D.C. 2023.1

	Christina Lonzisero
	(Print Name)
Date: February 13, 2001	(Signature)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# REQUEST FOR CHANGES OF CORRESPONDENCE AND FEE ADDRESSES AND SUBMISSION OF POWER OF ATTORNEY

Alameda, California 94501 February 13, 2001

ASSISTANT COMMISSIONER FOR PATENTS Box CN Washington, D.C. 20231

Sir:

I, the undersigned, Douglas A. Petry, hereby request entry of the changes contained on the accompanying spreadsheet into PTO records for the listed applications.

I am Agent of Record in each of the applications listed in the accompanying spreadsheet.

The accompanying spreadsheet is submitted on an IBM-compatible diskette as a Microsoft Excel spreadsheet. A paper copy of the spreadsheet is attached.

Respectfully submitted.

Agent of Record Douglas A. Petry, Ph.D.

(Reg. No. 35,321) 1145 Atlantic Avenue Alameda, CA 94501

Telephone: (510) 814-2974 Telefax: (510) 814-2973

**EXHIBIT** 

D

Customer:

22829

Roche Molecular Systems, Inc. 1145 Atlantic Avenue Alameda, CA 94501 Patent Department

07121519	11/17/87	ves	yes	yes
08345367	11/18/94	yes	yes	yes
08934378	09/19/97	ves	yes	ves
09078901	05/13/98	yes	yes	yes
 09105697	06/26/98	yes	yes	yes
09193488	11/17/98	ves	ves	yes
 09204208	12/01/98	ves	ves	yes
09254644	07/02/99	yes	ves	yes
 09269858	04/01/99	yes	yes	yes
09269860	04/01/99	ves	ves	yes
09270933	03/16/99	ves	yes	yes
09704357	11/01/00	yes	ves	yes

P.02/04 #16 Dmt 12-17-8

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Ankenbauer et al.
Application No.: 09/269.860

Group Art Unit: 1662

Filed: March 10, 2000

Examiner: R. Hutson

For: THERMOSTABLE NUCLEIC ACID POLYMERASE FROM THERMOCOCCUS

Attorney Docket No.: 4453

GORGONARIUS

#### POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The undersigned attorney of record in the above-entitled application hereby appoint:

Jennifer Gordon (Reg. No. 30,753) Nikolaos C. George (Reg. No. 39,201) George C. Jen (Reg. No. 39,239)

to proscutte the above-identified application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office in connection therewith.

Respectfully submitted,

Date: December 13, 2001

vis Transalogi (Reg. No.)

#### CERTIFICATION OF FACSIMILE TRANSMISSION

Rohul Pathak

42,985 (Res. No.)

CA1 - 202124.1

EXHIBIT

-CONFIDENTIAL-

Page 2 Printed on January 8, 2003

Roche Molecular Systems Status Sheet-Pending Cases	Title Assignee Status Chinas		THERMOSTABLE TOW, POLYMERASE  Reachinger  Persing Exposure in Office  Persing Exposure	
	Filed		3/10/00	
	Serial No.		US 09/269,860	
	Att/Loc		Andrea Koster Mannheim	1
	P&E Docket No. RMS Docket No.	·	1803-288-999 4453 18500	

CA1 - 310596.1

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IssDate Attorne Application Title

DOY THERMOSTABLE NUCLEIC ACID POLYMERASE FROM THERMOCOCCUS GORGONARIUS

Filing Date Patent No. Status Pending

> Serial No 09/269,860

> BOX # RMS Matter No. 18500

01-Apr-1999

**EXHIBIT** Н

ocket No.: 18500-US

FORM PTO-1595 (Modified) (Rev 03-01) OMB No 0651-0027 (exp 5/31/2002) P08A/REV03

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

## **PATENTS ONLY**

Tab settings → → → ▼	
	nark Office: Please record the attached original documents or copy thereof
Name of conveying party(ies):     Waltraud Ankenbauer, Vitaly Svetlichny, Elizaveta	<ol><li>Name and address of receiving party(ies):</li></ol>
Bonch-Osmolovskaya, Christine Ebenbichler, Bernhard	Name: Roche Diagnostics GmbH
Angerer, Gudrun Schmitz-Agheguian and Frank Laue	Address: Sandhoferstr 116
Additional names(s) of conveying party(les)	
Nature of conveyance:	
☑ Assignment	
-	O. Manakain
☐ Security Agreement ☐ Change of Name	City: Mannheim State/Prov.:
Other	Country: GERMANY ZIP: D-68305
Execution Date: 6/16/04, 6/17/04, 7/9/04, 7/28/04	Additional name(s) & address(es) ☐ Yes ☒ No
Application number(s) or patent numbers(s):	
If this document is being filed together with a new applicati	on, the execution date of the application is:
Patent Application No. Filing date	B. Patent No.(s)
09/269,860 March 10, 2000	.,
09/269,860 March 10, 2000	
Additional number	rs Yes 🗵 No
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	Total number of applications and patents involved:
Name: Charles M. Doyle	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 39,175	
Address: Roche Molecular Systems, Inc.	<ul> <li>Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> </ul>
1145 Atlantic Avenue	Authorized to be charged to deposit account
Patent Department	8. Deposit account number:
City: Alameda State/Prov.: CA	50-0812
Country: USA ZIP: 94501	(Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature.	T USE THIS SPACE
To the best of my knowledge and belief, the foregoing infor of the original document.	mation is true and correct and any attached copy is a true copy
Charles M. Doyle (Reg. No. 39,175)	& M. Dayle 18 August 2004
Name of Person Signing	Signatkfre 6 ■ Date
Total number of pages including Mall documents to be recorded w	cover sheet, attachments, and
Mail Stop Assignm Director of the United Stat	ant Recordation Services see Patent and Trademark Office sandris, VA 22313-1450  I hereby certify that this Assignment

I hereby certify that this Assignment and attachments are begin transmitted



FORM PTO-1595 (Modified) (Rev 03.01) OMB No 0651-0027 (exp 5/31/2002) P08A/REV03 RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

## **PATENTS ONLY**

• Tab settings → → →

To the Honorable Director of the United States Patent and Trademar	k Office: Please record the attached original documents or copy there of.
Name of conveying party(ies):     Waltraud Ankenbauer, Vitaly Svetlichny, Elizaveta Bonch-Osmolovskaya, Christine Ebenbichler, Bernhard Angerer, Gudrun Schmitz-Agheguian and Frank Laue	Name and address of receiving party(ies):     Name: Roche Diagnostics GmbH     Address: Sandhoferstr 116
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	City: Mannheim State/Prov.:
☐ Other	Country: GERMANY ZIP: D-68305
Execution Date: 6/16/04, 6/17/04, 7/9/04, 7/28/04	Additional name(s) & address(es) ☐ Yes ☒ No
A. Application number(s) or patent numbers(s):  If this document is being filed together with a new application  Patent Application No. Filing date  09/269,860 March 10, 2000	, the execution date of the application is:  B. Patent No.(s)
Additional numbers  5. Name and address of party to whom correspondence concerning document should be mailed:	☐ Yes ☒ No  6. Total number of applications and patents involved: 1
Name: Charles M. Doyle	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 39,175  Address: Roche Molecular Systems, Inc.	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
1145 Atlantic Avenue	☑ Authorized to be charged to deposit account
Patent Department	Deposit account number:
City: Alameda State/Prov.: CA	50-0812
Country: USA ZIP: 94501	(Attach duplicate copy of this page if paying by deposit account)
Statement and signature.  To the best of my knowledge and belief, the foregoing informa of the original document.	ISE THIS SPACE  tion is true and correct and any attached copy is a true copy  M. Daylu IP August 2004  Signaphre Date
rearis of relation organity	orginapore I, 🖿 Date

Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet Information to: Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office P.O. Box 1480, Alexandis, VA. 22.231-1450

Attorney Docket No.: 022101-000700US Client Reference No.: 18500-US

#### ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Waltraud ANKENBAUER, of Oberanger 18, Penzberg, D-82377 Germany; Vitaly SVETLICHNY of Warmensteinacher Str. 91G, Bayreuth, D-95448 Germany; Elizaveta BONCH-OSMOLOVSKAYA of Lomonosovski Avenue 33-2-60, Moscow, 117192 Russis; Christine EBENBIGHLER of Dorfstr. 5, Antdorf, D-82387 Germany; Bernhard ANGERER of Schuetzenstr. 20, Rosenbeim, D-83024 Germany; and Frank LAUE of Bachaecker 11, Paehl-Fischen, D-82396 Germany periorities transfer referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent.

Title of Invention:

THERMOSTABLE NUCLEIC ACID POLYMERASE

FROM THERMOCOCCUS GORGONARIUS

Filing Date:

March 10, 2000

Application No.:

09/269,860; and

WHEREAS, Roche Diagnostics GmbH, a German corporation located at Sandhoferstrasse 116, Mannheim, Germany D-68305, bereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is bereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assigne all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may bereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, asknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 17 06,04	Waltraud ANKENBAUER
Dated:	Vitaly SVETLICHNY
Dated:	Elizaveta BONCH-OSMOLOVSKAYA
Dated: 17406 04	Ouist Sulling Christine EBENBICHLER
Dated:	Bernhard ANGERER
Dated: 17 06 ( 0 4	GUOUU SLUUT GUDTUN SCHMITZ-AGHEGUIAN
Dated: 17/06/04	Frank LAUE

Assignment

Attorney Docket No.: 022101-000700US

Page 2

Dated:

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

	Waltraud ANKENBAUER
Dated: 69 July 2004	Vitaly SVETLICHNY
Dated:	Elizaveta BONCH-OSMOLOVSKAYA
Dated:	Christine EBENBICHLER
Dated:	Bernhard ANGERER
Dated:	Gudrun SCHMITZ-AGHEGUIAN
Dated:	Frank LAUE

Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated:	Waltraud ANKENBAUER	
Dated:	Vitaly SVETLICHNY	
Dated: 28,07,2004	Elizaveta BONCH-OSMOLOVSKAYA	
Dated:	Christine EBENBICHLER	
Dated:	Bernhard ANGERER	
Dated:	Gudrun SCHMITZ-AGHEGUIAN	
Dated:	Frank LAUE	

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated:	W. L. A. W. Co. D. A. W. Co.
	Waltraud ANKENBAUER
Dated:	Vitaly SVETLICHNY
	Vitaly SVETLICAN 1
Dated:	Elizaveta BONCH-OSMOLOVSKAYA
	Balancia Botton-odinobo viska i A
Dated:	Christine EBENBICHLER
10 01 04	Re land base 450
Dated: 18.06-04	Bernhard Angelyv
Dated:	Gudrun SCHMITZ-AGHEGUIAN
D-4-4	
Dated:	Frank LAUE



09/269,860

PTO/SB/82 (09-03)

REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

60135808 v1

Application/Patent as set forth in Schedule A appended hereto

Filling/Issue Dates hereto

hereto

as set forth in Schedule A appended

**EXHIBIT** 

I hereby revoke all previous powers of attorney given in the above-identified application:			
A Power of Attorney is submitted herew	rith.	0)	
OR L			
I hereby appoint the practitioners assoc	iated with the Customer Number:	41504	
Please change the correspondence address for the above-identified application to:			
The address associated will Customer Number:	th 41504	OCT 1 4 2004	
OR ·		TECH CENTER 1600/2900	
Firm or individual Name		,	
Address			
Address			
City	State	ZIP	
Country			
Telephone	Fax		
I am the:	3.71. ) are enclosed. (Form PTO/SB/96)		
SIGNATURE of Applicant or Assignee of Record			
Name George Jen, Senior Pa	atent Counsel		
Signature (JUMA)	i ku		
Date 3-191/03		814.27 <b>66</b>	
NOTE: Signatures of all the inventors or assignees of more than one signature is required, see below*.  Total of forms are submitted.	record of the entire interest or their represen	tative(s) are required. Submit multiple forms If	

Attorney Docket

Numbers

Schedule A (as attached to PTO/SB/s

Sch	Schedule A (as attached to PTO/SB/85)		
Application No. Filing Date	Patent No. Issue Date	Attorney Docket No.	
09/269,860 March 10, 2000		022101-000700US	
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D STATES DEPARTMENT OF COMMERCE and Trademark Office TANT BECRETARY AND COMMISSIONER PATENTS AND TRADEMARKS hingson, D.C. 20231

SEPTEMBER 03, 2004

PTAS

ROCHE MOLECULAR SYSTEMS, INC. CHARLES M. DOYLE PATENT DEPARTMENT 1145 ATLANTIC AVENUE ALAMEDA, CA 94501

\*700108687A\*



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY. SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/20/2004

REEL/FRAME: 015076/0901

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS). DOCKET NUMBER: 18500-US

ASSIGNOR:

ANKENBAUER, WALTRAUD DOC DATE: 06/17/2004

ASSIGNOR:

SVETLICHNY, VITALY

DOC DATE: 07/09/2004

ASSIGNOR:

BONCH-OSMOLOVSKAYA, ELIZAVETA

DOC DATE: 07/28/2004

ASSTCNOR:

EBENBICHLER, CHRISTINE

DOC DATE: 06/17/2004

ASSTCNOR .

ANGERER, BERNHARD

ASSIGNOR:

SCHMITZ-AGHEGUIAN, GUDRUN

DOC: DATE: 06/16/2004 DOC DATE: 06/17/2004

	EXHIBIT	
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015076/0901 PAGE 2

ASSIGNOR:

LAUE, FRANK

PATENT NUMBER:

DOC DATE: 06/17/2004

ASSIGNEE:

ROCHE DIAGNOSTICS GMBH

SANDHOFERSTR 116

MANNHEIM, FED REP GERMANY D-68305

SERIAL NUMBER: 09269860

FILING DATE: 03/10/2000

ISSUE DATE:

TITLE: THERMOSTABLE NUCLEIC ACID POLYMERASE FROM THERMOCOCCUS GORGONARIUS

JEFFREY OLSEN, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS 9/5/04 6:09 PAGE 004/004 Fax Server

RECORD GOVER SHEET locket No.: 18500-US FORM PTO-1888 (Modified)

U.S. DEPARTMENT OF COMM

To a series and a	PATENTS ONLY	Patent and Trademark Of
Tab settings • • • • •	_	
To the Honorable Director of the United States Part 1. Name of conveying party(les):	ent and Trademark Office: Please record the attac	hed original documents as a security
watrand Anksebauer, Vitaly Svetilichty, Eli Bonel-Osmolovskaya, Christine Ebenbichier, Angerer, Gudrun Schmitz-Agheguian and Fr.	baveta and address of re	celving party(ise):
	Yes 🖾 No	
3. Nature of conveyance:		
	er	
☐ Security Agreement ☐ Chan	ge of Name City: Mannheim	State/Prov.:
	Country: GERMANY	ZIP: D-68305
Execution Date: 6/16/04, 6/17/04, 7/9/04, 7/28/04	Additional name(a) & address(as)	□ Yes Si No
<ol><li>Application number(s) or patent numbers(s):</li></ol>		
If this document is being filed together with a	new application, the execution date of the energy	faciliar ta
Patent Application No. Filing date		CALLON IS:
09/269,860 March 10, 2000	B. Patent No.(s)	
Add	officional numbers ☐ Yes ☑ No	
. Name and address of party to whom correspon	deece .	
concerning document should be mailed:	6. Total number of applications	s and patents involved:
Name: Charles M. Doyle  Registration No. 39,175	7. Total fee (37 CFR 3.41):	\$ 40.00
Address: Roche Molecular Systems, Inc.	Enclosed - Any excess of credited or debited to de	or insufficiency should be
1145 Atlantic Avenue	Authorized to be charged	
Patent Department	8. Deposit account number.	a to deposit account
City: Alameda State/Prov.:		
Country: USA ZIP: 94501	(Attach duplicate copy of this page	M paying by deposit accounts
Statement and signature.	DO NOT USE THIS SPACE	
To the bast of my knowledge and belief, the foregothe original document.		ttached copy is a true copy
Charles M. Doyle (Reg. No. 39,175)  Name of Person Signing	Clark M. Only	
reads of Person Signing	Signature	

I hereby certify that this Assignment and attachments are begin transmitted to the USPTO via fax no. 705-306-5995

Attorney Docket No.: 022101-000700US Client Reference No.: 18500-US

#### ASSIGNMENT OF PATENT APPLICATION

JOINT

WHERRAS, Waltraud ANKENBAUER of Oberanger 18, Penzberg, D-82377 Germany; Vitaly SVETLICHNY of Warmensteinacher St. 91G, Bayreuth, D-95448 Germany; Elizaveta BONCH-OSMOLOVSKAYA of Lomonosoviki Avenue 33-2-60, Moscow, 117192 Russis; Christine BEBNBICHER of Dorfatr. 5, Amtorf, D-82387 Germany; Bernhard ANGERER of Schuetzenstr. 20, Rosenbeim, D-83024 Germany; Gadrun SCFRMTTZ-AGHEGUIAN of Wettersteinistr. 3, Berningd. D-82349 Germany; are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent.

Title of Invention:

THERMOSTABLE NUCLEIC ACID POLYMERASE FROM THERMOCOCCUS GORGONARIUS

\_\_\_\_

Filing Date:
Application No.:

March 10, 2000 09/269.860; and

WHERAS, Roche Diagnostics GmbH, a German corporation located at Sandhoferstrasse 116, Mannheim, Germany D-68305, hericalher referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same:

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignoe all right, title and interest in and to the invention and application and to all foreign counterparts (including petent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and sasigns as fully and exclusively as it would have been held and enjoyed by Assignee and the signment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renowal, continuation in whole or in part, substitution, conversion, resissee, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, act Assignee's successors and assigns.

### IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 17 06,04	Waltraud ANKENBAUER
Dated:	Vitaly SVETLICHNY
Dated:	Elizaveta BONCH-OSMOLOVSKAYA
Dated:	Quiste Juliel Christine EBENBICHLER
Dated:	Bernhard ANGERER
Dated: 17/06/04	GUOLLI SCHULT GUDTIN SCHMITZ-AGHEGUIAN
Dated: 17/06/04	Howker to Frank LAUB

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated:	Waltraud ANKENBAUER
Dated: 09 July 2004	Vitaly SVETLICHNY
Dated:	Elizaveta BONCH-OSMOLOVSKAYA
Dated:	Christine EBENBICHLER
Dated:	Bernhard ANGERER
Dated:	Gudrun SCHMITZ-AGHBGUIAN
Dated:	Frank LAÜE

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated:	Waltraud ANKENBAUER		
Dated:	Vitaly SVETLICHNY		
Dated: 28,07,2004	Elizaveta BONCH-OSMOLOVSKAYA		
Dated:	Christine EBENBICHLER		
Dated:	Bernhard ANGERER		
Dated:	Gudrun SCHMITZ-AGHEGUIAN		
Dated:	Frank LAUE		

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

D-4-4.	Waltraud ANKENBAUER	
Dated:		
Dated:	Vitaly SVETLICHNY	
Dated:	Elizaveta BONCH-OSMOLOVSKAYA	
Dated:	Christine EBENBICHLER	
Dated: 18.06-04	Bernhard Ingetty Bernhard ANGERER	
Dated:	Gudrun SCHMITZ-AGHEGUIAN	
Dated:	Frank LAUE	

RECEIVED

) EXAMINER:

) ART UNIT:

NO. 075

P. 1

AUG 1 6 2006

R. Hustona

1662

)CONFIRMATION NO: 4095

) Atty Docket No. 18500-US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Waltraud Ankenbauer, et al.

----

SERIAL NO.: 09/269,860 FILED: March 10, 2000

FOR: THERMOSTABLE NUCLEIC ACID

POLYMERASE FROM THERMOCOCCUS GORGONARIUS

Certificate of Mailing Via Facsimile

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

PAGES 2

Sir:

Facsimile No. 571-273-8300

Date August 16, 2006

I hereby certify that the attached:

> Revocation and Substitution Power of Attorney

is being transmitted via facsimile to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Senior Patent Coordinator

Roche Molecular Systems 1145 Atlantic Avenue Alameda, California 94501 Tele: (510) 814-2972 Fax: (510) 814-2973

EXHIBIT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

T- D- 4	LPPLICATION OF:	)	
-		) EXAMINER:	R. Hutson
	ud Ankenbauer, et al	) ART UNIT:	1662
SERIAL	No.: 09/269,860	•	
FILED:	March 10, 2000	) Confirmation	
FOR:	THERMOSTABLE NUCLEIC ACID POLYMERASE FROM THERMOCOCCUS GORGONARIUS	) Atty Docket	: No.: 18500-US

## REVOCATION AND SUBSTITUTION POWER OF ATTORNEY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Roche Diagnostics GmbH, the assignee of the above-identified patent application by virtue of an assignment recorded on August 20, 2004, at Reel 015076/Frame 0901, hereby revokes all powers of attorney previously given and hereby appoints the attorneys and agent associated with

### Customer No. 22829

with full power of substitution and revocation, to prosecute this application and to make alterations and amendments therein.

The undersigned has reviewed all the documents in the chain of title, and to the best of the undersigned's knowledge, title of this application is in the name of Roche Diagnostics GmbH.

Please direct all future correspondence in connection with this application to the address associated with Customer No. 22829

Respectfully submitted,

ROCHE DIAGNOSTICS GmbH

August 16\_, 2006 Bv:

August 16 2006

SV) #21

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Waltraud Ankenbauer, et al.

) EXAMINER: R. Huston

SERIAL NO.: 09/269,860

) ART ÜNIT: 1662

FILED:

March 10, 2000

)Confirmation no: 4095

FOR: THERMOSTABLE NUCLEIC ACID

POLYMERASE FROM THERMOCOCCUS GORGONARIUS ) Atty Docket No. 18500-US

\_\_\_\_\_

## POWER TO INSPECT AND MAKE COPIES

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Sir:

Please permit David Hunt, Amy Hunt, Kathy Dalton, Rob Cunningham, Stephen Rader, Heather Boeddeker, Yelena Pirnenov, Ryan Haase, George Shreck, Delores Skinner, Amy Stevens, Sasha Zeedyk, Aylin Kazanoglu, Marian Farah, Julius Wyatt, Adrian Hart, Chris Robbins, Beth Wood, Brad Buebher, Brian J. McMahon, Violetta Poindexter, Azieb Tesfay, Eric White, Byron Galvez, Dorfs Mentls, Kate Schaab, Deldre Baggett, Betty Buxton, James Buxton, Emily Chin, Kenny Slater, William BJ Sayles or any other employee of Landon IP inc. access to the above application for the purpose of inspecting and or copying same.

Respectfully submitted,

Date: 3/16/06

Robert W. Mann Reg. No. 48,555

Correspondence Address Customer No. 22829 Roche Molecular Systems, Inc. 1145 Atlantic Avenue Alameda, California 94501 Tele: 510-814-2800 Fax: 510-814-2973